REMARKS

35 USC 112 Rejection

Claims 1, 13, 24 were rejected under 35 U.S.C. 112 first paragraph, as containing subject mater which was not descried in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or used the invention.

Applicant respectfully submits that the limitation of "using fuzzy fill procedure" was originally in the claims 4, 11, 17, 22 and 27. Additional support in the specification can be found in the incorporated references U.S. Serial No. 09/516,048, filed March 1, 2000, entitled "AN INTERNET INTERFACE SYSTEM". The present application is also related to a copending application, U.S. Serial No. 09/561,449, filed April 28, 2000, entitled "METHOD AND SYSTEM OF IMPLEMENTING RECORDED DATA FOR AUTOMATING INTERNET INTERACTIONS".

In The Claims:

The Examiner has rejected Claims 1-3, 5, 8-10, 13-16, 19-22, 24-26 and 18-30 under 35 U.S.C. §103(a) as being unpatentable by Markus, US 6,499,042 in view of Borrey et al., U.S. Patent No. 5,159,667.

The Applicant respectfully disagrees.

Borrey discloses an automatic identification method for scanned documents in an electronic document capture and storage system and claims a computer-implemented process for classifying documents that includes the steps of preliminarily creating a knowledge base of documents each characterized by a hierarchy of objects that are defined by parameters indicating physical and relational characteristics, the hierarchy being organized from a lowest object level to one or more successively higher object

levels and storing said knowledge base in a computer; scanning a document to form binary light and dark pixels and inputting into said computer data representing the pixels; performing, in said computer, the following steps; segmenting the document into primary areas of significance based on the pixels; calculating parameters that define the segmented primary areas; comparing the parameters of each segmented primary area with the parameters of the lowest level objects in the hierarchy of objects that characterize each document in the knowledge base; assigning to each segmented primary area weights of evidence relative to the lowest level objects based on the comparison; generating a weighted hypothesis of a label for each of the segmented areas based on the weights of evidence relative to the lowest level objects; grouping the segmented primary areas into areas of significance more relevant than the primary areas; calculating parameters that define the more relevant areas; comparing the parameters of each more relevant area with the parameters of the second lowest level objects in the hierarchy; assigning to each more relevant area weights of evidence relative to the second lowest level objects based on the comparison and reevaluating the weights of evidence assigned to the segmented primary areas; generating a weighted hypothesis of a label for each of the more relevant areas and revising the weighted hypothesis of the label for each of the segmented primary areas based on the weights of evidence of the second lowest level objects and the lowest level objects; and classifying the document based on the labels and the weights of evidence developed by the preceding step.

Markus discloses a method and apparatus for automatically filling in electronic forms online with a user's personal data. Markus claims a method of electronically filling in an online form with data-associated with a user that includes transmitting from a client machine to a form-filling server a location identifier of a form-originating server and a form location corresponding to the online form on the form-originating server and a user identifier; decoding at the form-filling server the location identifier and the form location thereby enabling the form-filling server to open a connection between the form-filling server and form-originating server; requesting the form-originating server to provide the form-filling server with the online form so that the form-filling server has a similar view of the online form as the client machine does; parsing the online form on the form-filling

server thereby identifying fields in the online form to be filled in; inserting data associated with the user into the fields in the online form on the form-filling server using the user identifier; and transmitting the online form with the inserted data associated with the user from the form-filling server to the client machine.

Nothing in either Markus or Borrey discloses the current invention. The instant application claims a system for automating data transactions between computer servers that includes a first computer server maintaining a database having stored data recorded therein, said stored data comprising general user information relating to a plurality of computer servers; program code residing on said first computer server for creating extracted data by selectively extracting said stored data responsive to a request; additional program code residing on said first computer server for obtaining a blank form, and for parsing said blank form to identify which of said extracted data should be used to fill in at least a part of said blank form; form filling program instructions residing on said first computer server for creating a filled form by filling in said blank form using a fuzzy fill procedure; and form submitting program instructions residing on said first computer server, using a result of said form filling program instructions, for automatically submitting said filled form to a second computer server.

The instant application also claims a method of automating data transactions between computer servers that include maintaining a database having stored data recorded therein at a first computer server, said stored data comprising general user information relating to a plurality of computer servers; selectively extracting said stored data responsive to a request; obtaining a blank form; parsing said blank form to identify which of said stored data should be used to fill in at least a part of said blank form; filling

in said blank form using a fuzzy fill procedure; and automatically submitting the result of said filling to a second computer server.

In addition, the instant application claims a method of automating login transactions that includes maintaining a database having stored data recorded therein at a first computer server, said stored data comprising general user information relating to a plurality of computer servers; selectively extracting said stored data responsive to a request; obtaining a blank login form; parsing said blank login form to identify which of said stored data should be used to fill in at least a part of said blank login form; filling in said blank login form using said stored data using a fuzzy fill procedure; and employing program code residing on said first computer server for automatically submitting the result of said filling to a second computer server.

CONCLUSION

Applicant respectfully submits that, in view of the amendments and discussion set forth herein, the pending claims are patentable over the prior art.

The examiner is invited to call Ivy Mei at 650-474-8400 to discuss the pending claims.

The Commissioner is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 07-1445.

If there are any questions regarding this correspondence, please contact the undersigned at 650-474-8400.

Respectfully submitted,

Dated 7/7/04

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